RFP (L)35 IP

SIP-DECT indoor base station

The Radio Fixed Parts RFP (L)35 IP is connected directly to the LAN like a VoIP device, while using the benefits of established DECT technology for radio transmission.

This ensures full compatibility with cordless DECT terminals, which are available as system telephones and standard GAP terminals. The «L» versions come prelicensed for installations up to 20 RFPs, the technical specification is the same.

The VoIP solution is particularly suitable for branch offices that are connected to a company's headquarter via IP link. The enrolled cordless handsets act as normal company extensions, which means the staff can always be reached on their telephone numbers, regardless of whether they are currently in the headquarter or in one of the branch offices.

Using shared IP connections for data and telephony cuts down on the need for additional infrastructure and therefore reduces costs.

RFP (L)35 IP

CAT-iq
CORDLESS ADVANCED TECHNOLOGY

Connections of RFP (L)35 IP

Features

DECT

- All 120 (in America 60) DECT channels supported for maximum use of the DECT capacity
- 8 simultaneous voice channels per RFP, 4 additional channels for switching purposes
- GAP standard supported
- Connection handover in line with the GAP standard
- DSAA authentication between base and handset
- Support of DECT encryption
- Cordless system telephones can use all features offered by the OpenCom 100, 1000 and SIP-DECT
- Integrated DECT dipole antenna
- DECT XQ for minimization of interferences in reflecting environments

Service and Installation

- 3 LEDs signalling the current operating state
- Central configuration
- Central system journal
- Central cluster administration
- Local boot from Flash Memory
- Wiring alternatively from below (cable duct) or from above (suspended ceiling)
- RFP (L)35 IP can be connected via RJ 45 connector

Ethernet

- Connection via Ethernet 100/1000 BaseT
- Power supply in line with Power over Ethernet standard IEEE 802.3af, class 3
- IPv4

VoIP

- VoIP connection using RTP / RTCP protocol
- G.711 / G.722 / G.729AB[1] codec depending on required voice quality and available bandwidth
- Quality of service supported by Diffserv / ToS Flag
- Adaptive jitter compensation
- Echo cancellation / suppression
- Voice activity detection and comfort noise generator

Technical data

- Power supply:
  - Power over Ethernet IEEE 802.3af, class 3 or
  - 230 V AC adapter
- Ambient temperature:
  -5°C to +45°C
- Relative humidity:
  5 to 95% (non-condensing)
- Storage temperature:
  -40°C to +70°C
- Current consumption: 120mA
- Type of ingress protection: IP 20
- Flame resistance UL94 V0-5VB
- Wall-mountable
- Colour: ice grey
- Weight: 417 g (without AC adapter)
- Dimensions (W x H x D):
  195 x 200 x 30 mm

Part numbers RFP (L)35 IP

RFP 35 IP (only for EMEA)	68637
RFP L35 IP (only for EMEA)	68622
AC adater for EMEA, UK, Australia and NA	87-00002AAA-A
AC adater forEMEA, UK, Australia	68744

(1) Additional licence required

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